

Fig. 1

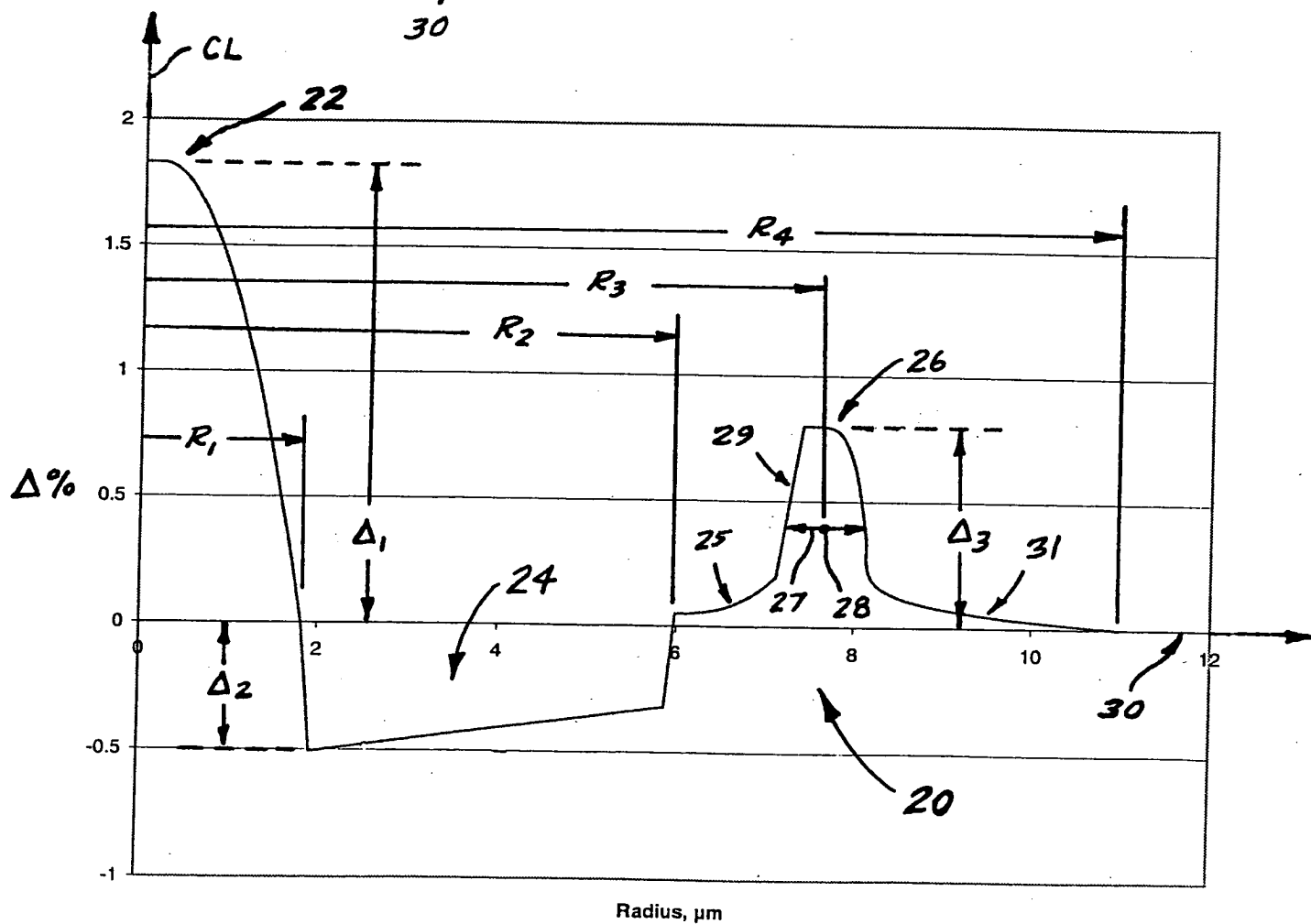


Fig. 2

0995405 092601

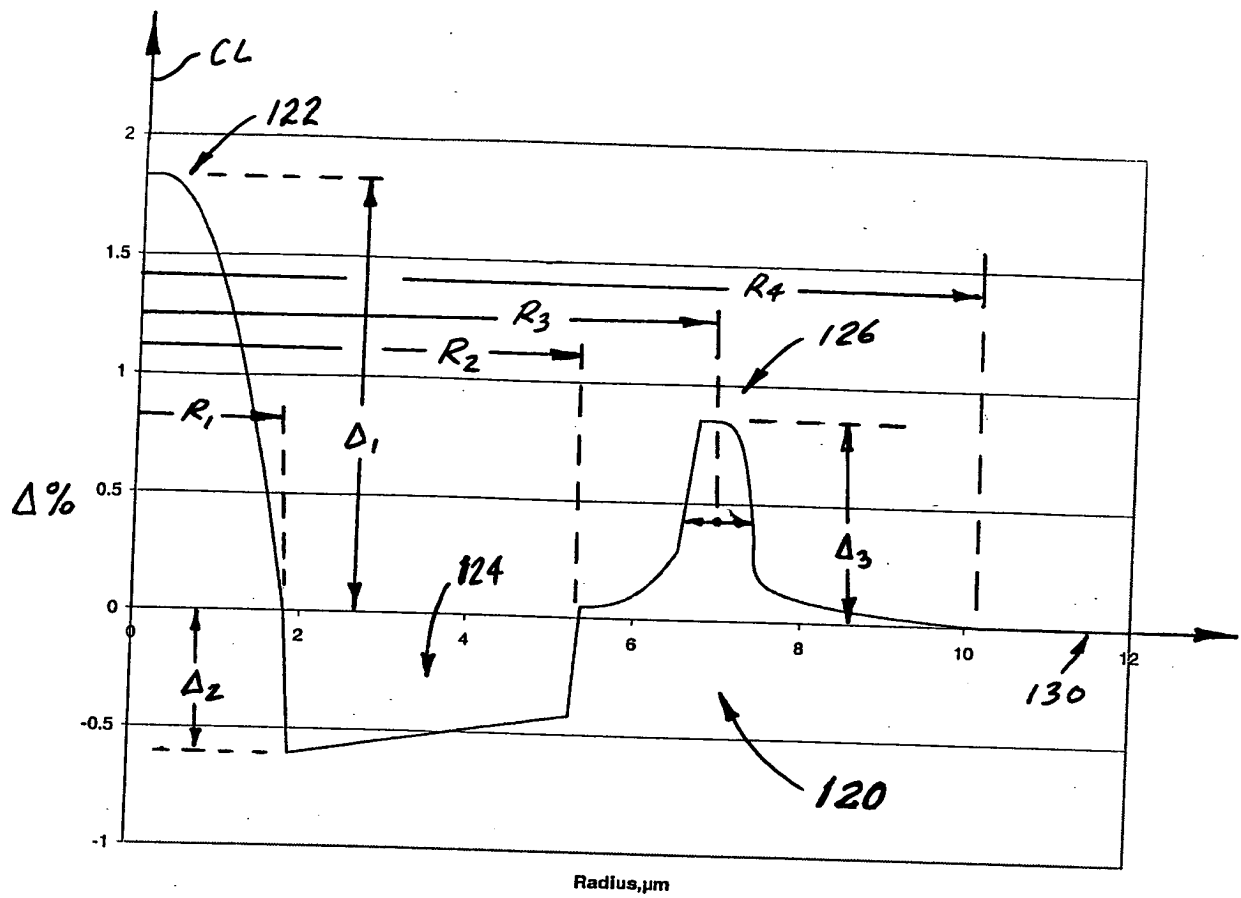


Fig. 3

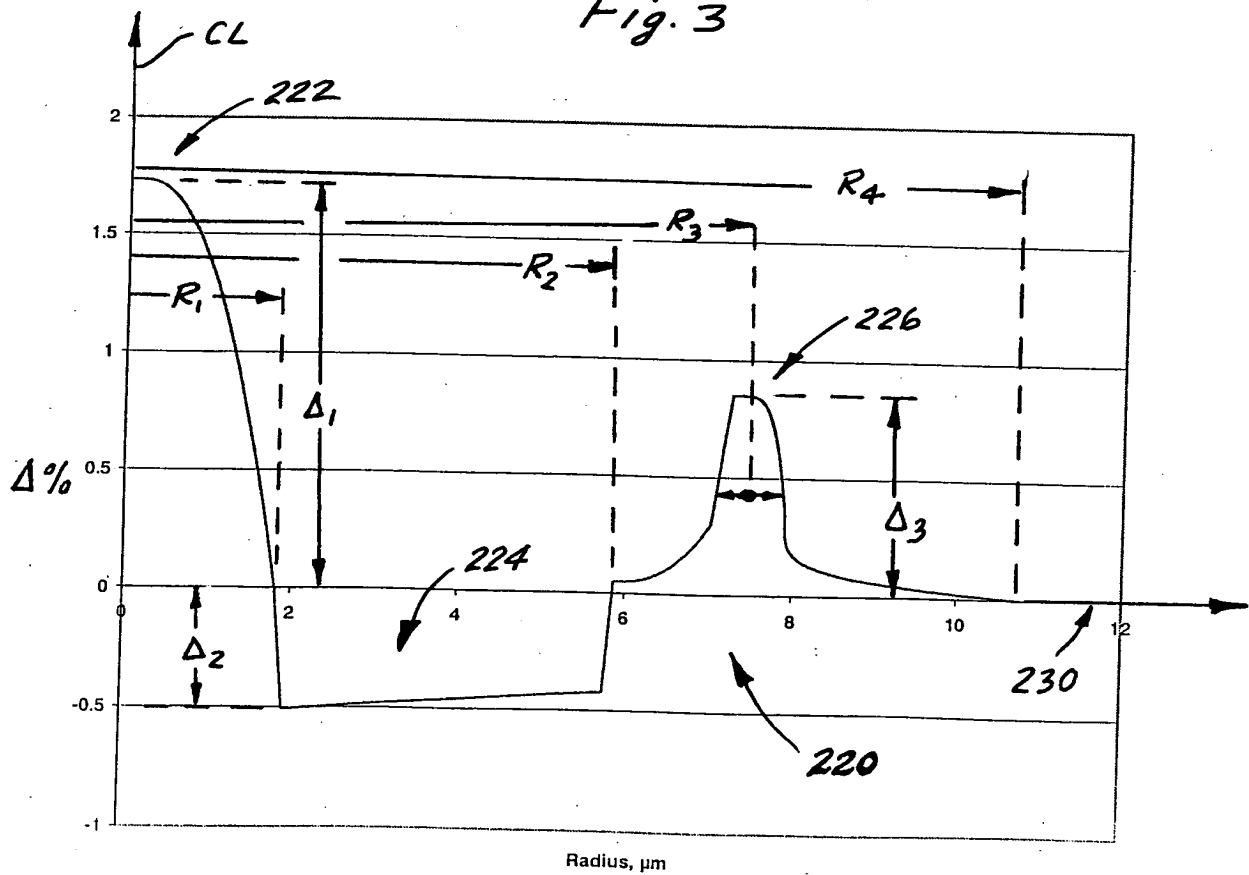


Fig. 4

The graph shows the dispersion of four different fiber types over a wavelength range from 1.56 to 1.63  $\mu\text{m}$ . The y-axis represents dispersion in  $\text{ps/nm-km}$ , ranging from 0 to -300. The four fiber types are identified by their core diameters: 220, 20, 120, and 320  $\mu\text{m}$ . All fiber types show a decrease in dispersion as the wavelength increases. The 220  $\mu\text{m}$  fiber has the lowest dispersion, while the 320  $\mu\text{m}$  fiber has the highest dispersion across the entire range.

Wavelength ( $\mu\text{m}$ )	220 $\mu\text{m}$ Core	20 $\mu\text{m}$ Core	120 $\mu\text{m}$ Core	320 $\mu\text{m}$ Core
1.56	-75	-90	-110	-165
1.57	-80	-95	-115	-175
1.58	-85	-100	-125	-195
1.59	-90	-105	-135	-215
1.60	-95	-110	-145	-235
1.61	-100	-115	-155	-255
1.62	-105	-125	-165	-275
1.63	-110	-135	-175	-295

Fig. 6

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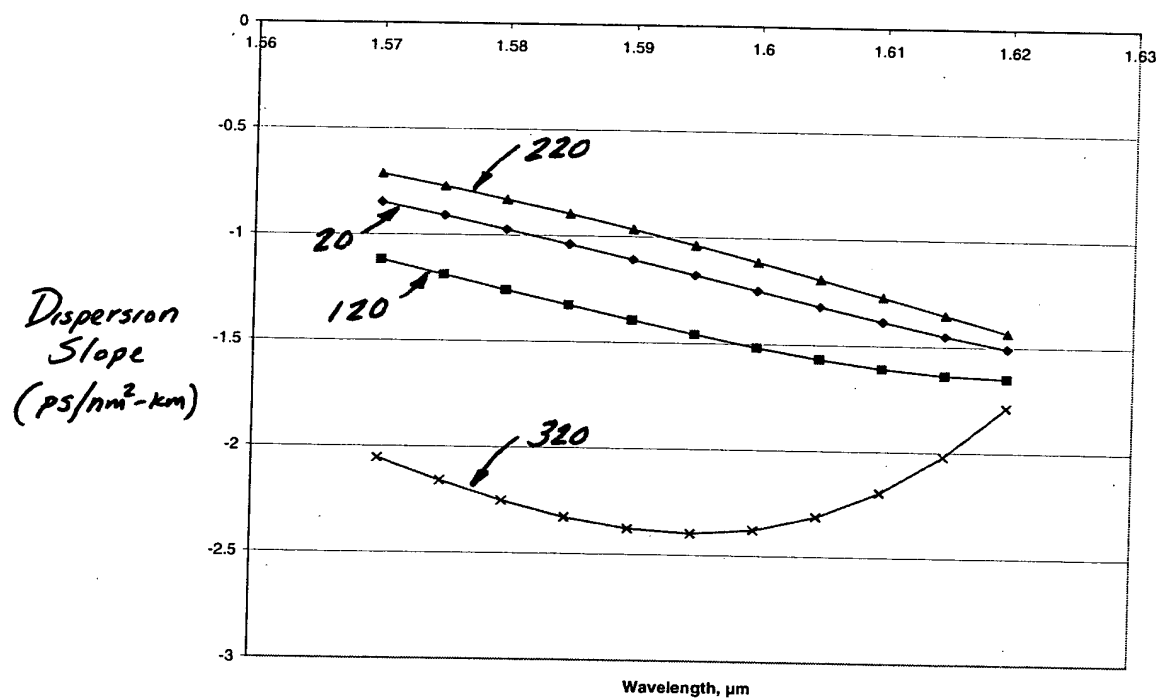


Fig. 7

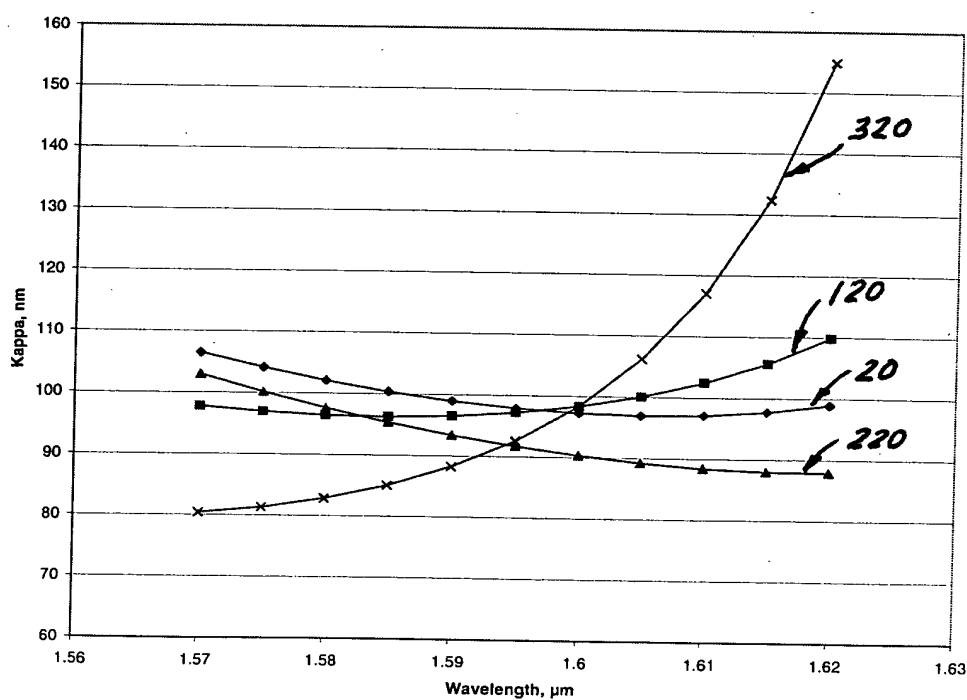


Fig. 8

